```java
public double find(int index, int[] intArray) { // 1

    if (index < 0) { //2

        throw new IllegalArgumentException("index should be greater than or equal to 0"); // 3

    } // 4

    if (intArray == null || intArray.length<2) { // 5 , 6

        throw new IllegalArgumentException("intArray cannot be null and the length of the array
must be no less than 2"); // 7

    } // 8

    int sum = 0; // 9

    int count = 0;

    double result = 0;

    Arrays.sort(intArray);

    if (index == 0) { //10

        for (int i : intArray) { // 11

            sum += i; // 12

            count++;

        }

        if (count != 0) { //13

            result = 1.0 * sum / count; //14

        } else {

            result = sum / count; //15

        } // 16

    } else if (index == 1) { //17

        result = intArray[0]; // 18

    } else if (index == 2) { //19

        result = intArray[intArray.length - 1]; // 20

    } //21

    return result; // 22

}
```